

FIG. 1A

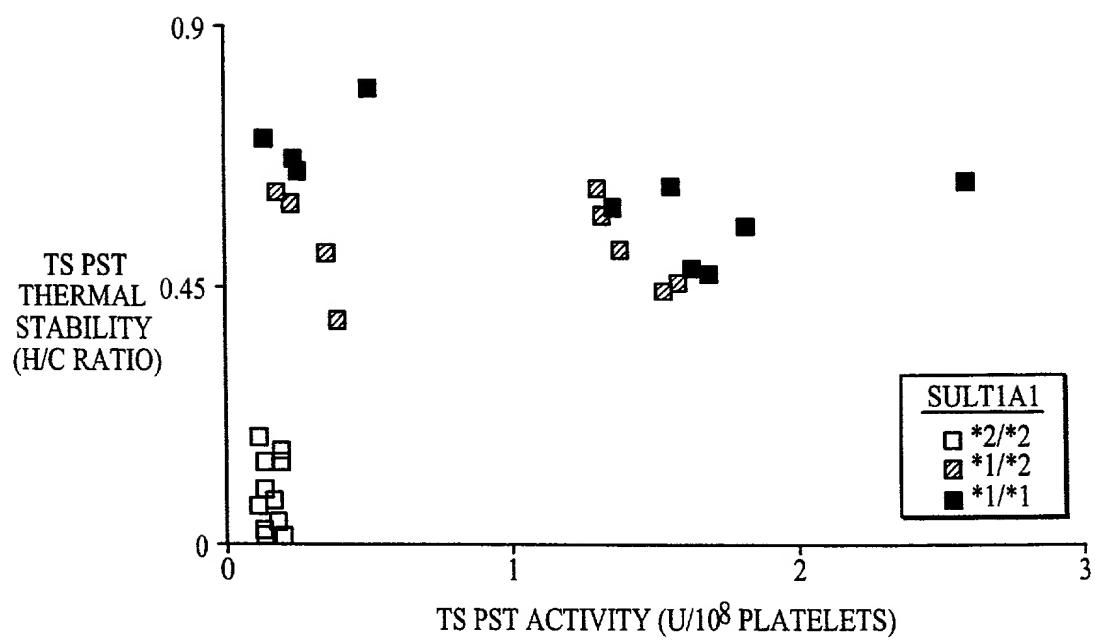


FIG. 1B

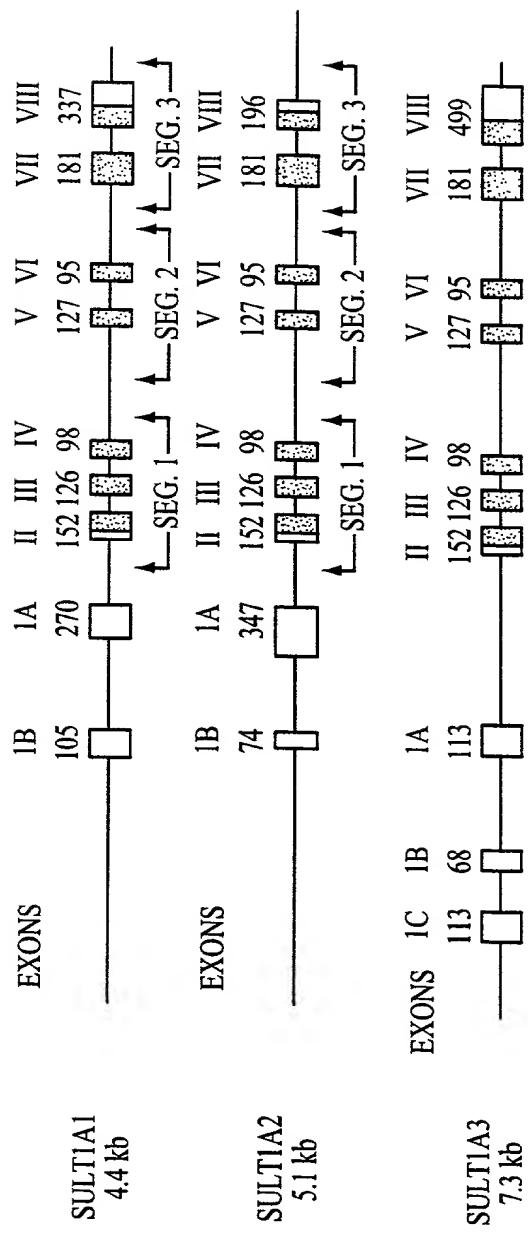


FIG. 2

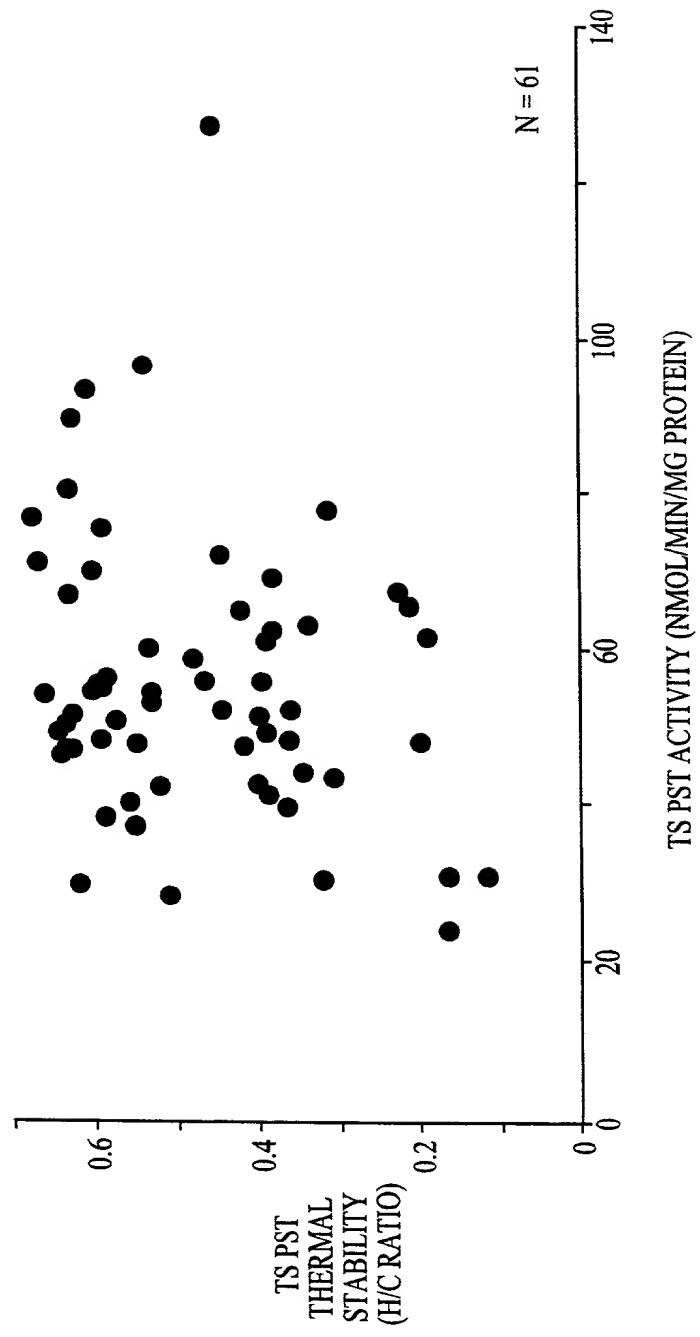


FIG. 3

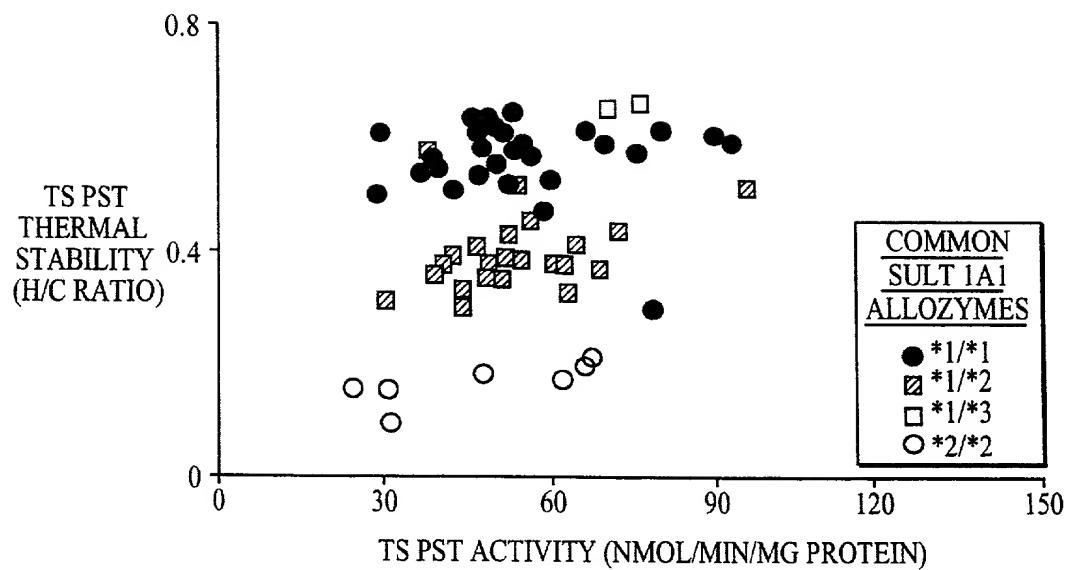


FIG. 4A

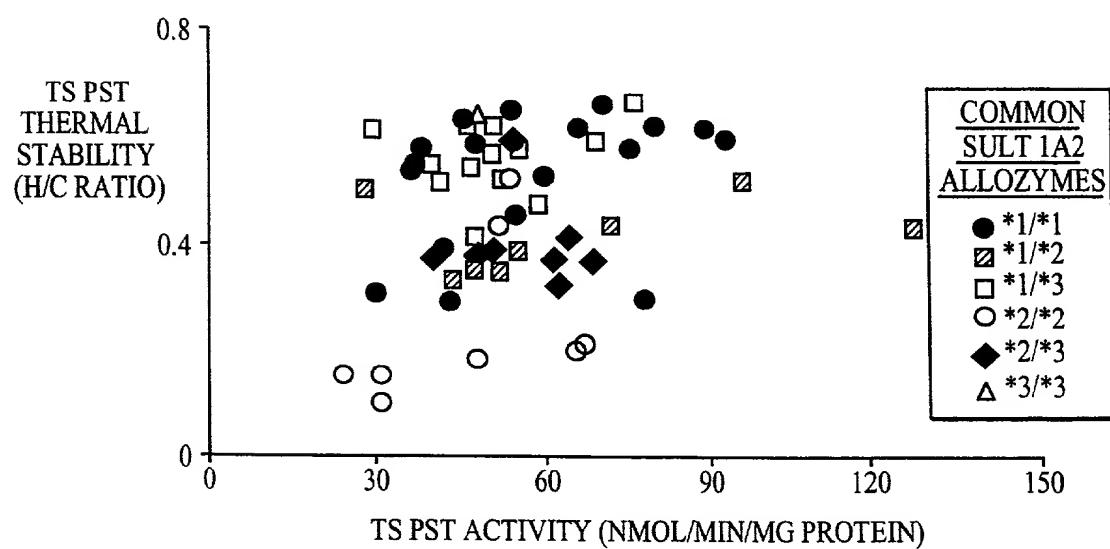


FIG. 4B

ttgtgtccag ctgcgcctcc otccctgtct cttacctgtct ttgtgttggc ccacccctgg cgttgttggc  
 aaggccaaag tgatgtccgt ttcottccgg aagaacagg gcaagtttgcg octactagggtt gatgttgttgc  
 gcccaggct ggtccatgtt gttggccatgtt tgccatccca gttggccatggc gttgggttgc  
 301 ggggttggc tggtgtactc tggtgtactc tggtgtactc tggtgtactc tggtgtactc  
 401 gcaacggggaa aatagtggaa gactogaat tagaagaatgt gatgtgggtt  
 501 cccgttttgc tggggccacac tggatagccc tggtgtactc  
 601 gacatcgacc tcggccgtt tocaatgtt tttttttttt ttgtgttt  
 701 ttgtgtccaa cggccaaatcc tcggccaaatcc ttgtgtccaa  
 801 aattttttat tttagttaga gacaaggttt ctccatgttt gtcgtgttgc  
 901 ctggattac aggatgtggc cacgggtggc ggcccttctcc  
 1001 gtagatttcc tgtagatgtt aaggactca  
 1101 aactaaagg gggatattt atggatgtt atggatgtt  
 1201 ttctggagc ctgtttggc ttggggggc ttggggggc  
 1301 tgtgtctgtt tggatggc cagttggc  
 1401 atggaaatgtt gttgttattt cacttgcattt  
 1501 ttgttactatg aatgttccatc aatgttccatc  
 1601 ggttactca tggccacaga ggaggaggaa  
 1701 actccaaatc gtcgggttgc  
 1801 tgactttggc ttttttaaagg  
 1901 ctgtgttg gtagcttcc  
 2001 gggcatgtt  
 2101 actctgtcc  
 2201 caccatcc  
 2301 attagagaa  
 2401 cagaaaaaaa  
 2501 tttaaagttt

FIG. 5A

John Galt, the author of *Atlas Shrugged*, has been a guest on the *Bill O'Reilly Show* and *Meet the Press* recently.

FIG. 5B

|      | EXON V |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 5501 | c      | t  | c  | c  | t  | t  | g  | c  | a  | a  | g  | a  | t  | g  | g  | g  | g  | g  | g  | g  |
| 5601 | ca     | ac | cc | aa | gg | at | tt | tt | cc | tt |
| 5701 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |
| 5801 | t      | cc | aa | tt |
| 5901 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |
| 6001 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |
| 6101 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |
| 6201 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |
| 6301 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |
| 6401 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |
| 6501 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |
| 6601 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |
| 6701 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |
| 6801 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |
| 6901 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |
| 7001 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |
| 7101 | tt     | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt | tt |

FIG. 5C

FIG. 6A

He had a very good time, but he was not very good at it, for he did not know what to do with his hands.

|               |             | EXON I                |              |                           |                 |               |               |               |               |               |               |               |               |               |
|---------------|-------------|-----------------------|--------------|---------------------------|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|               |             | EXON IA               |              |                           |                 |               |               | EXON IB       |               |               |               |               |               |               |
| 11229         | cottcttcc   | ggaaaccaat            | atagtccat    | cccccgtcc                 | agatccatcc      | caactccatcc   | caactccatcc   | taaaggaaacc   | taaaggaaacc   | taaaggaaacc   | taaaggaaacc   | taaaggaaacc   | taaaggaaacc   |               |
| 11129         | CACAAACCCC  | ACACTCAAGCC           | AGGAGGGCAC   | GAAGGCCAGGT               | TCCCAAGAGGC     | TCAGgtgtgt    | gacacaacgg    | aatggccatgg   | gacacaacgg    | aatggccatgg   | gacacaacgg    | aatggccatgg   | gacacaacgg    | aatggccatgg   |
| 1029          | ccctgttca   | gttgtgggtt            | caacattccaa  | gaagccgggg                | cototgtttat     | ctgtgtccat    | tcccatggaa    | tatccatgtt    | cagacaaccc    | cggccggcgt    | cagacaaccc    | cggccggcgt    | cagacaaccc    | cggccggcgt    |
| -929          | gaatccccc   | cccttcccttt           | ttttttttcc   | ggggggccaa                | gtttttttcc      | ttttttttcc    | ggggggccaa    | ttttttttcc    |
| -829          | ctggggccaa  | gtggatgttcc           | tgccatcaat   | gtatggacta                | cagacccatca     | ccatcttccat   | ttccatccat    |
| -729          | tggggtttcc  | caatgtgtcc            | caatgtgtcc   | caatgtgtcc                | caatgtgtcc      | caatgtgtcc    | caatgtgtcc    | caatgtgtcc    | caatgtgtcc    | caatgtgtcc    | caatgtgtcc    | caatgtgtcc    | caatgtgtcc    | caatgtgtcc    |
| -629          | ttttgtgtgt  | ttatccatccat          | ttatccatccat | ttatccatccat              | ttatccatccat    | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  |
| -529          | GAATGTGGCC  | GGGGAACTGG            | ATCACAGGGC   | TGGCCAGCCT                | AGGAGTTCG       | ACATGTGAGG    | GGCCGGGGG     | CTCAAGGGGG    | GGAGAGGAGC    | GGAGAGGAGC    | GGAGAGGAGC    | GGAGAGGAGC    | GGAGAGGAGC    | GGAGAGGAGC    |
| -429          | CTACTGGGGT  | GAAGCTGGGG            | GTGCCAGCAG   | GAATGGTGA                 | GACAAAGGGC      | GCTGGCTGGC    | AGGAAGACAG    | CACAGGAAGG    | TCCTAGAGGT    | TCCTAGAGGT    | TCCTAGAGGT    | TCCTAGAGGT    | TCCTAGAGGT    | TCCTAGAGGT    |
| -329          | AGCTGGACTC  | TCCGGAGAC             | CTTCACACAC   | CTTGACATCT                | GGGGCCCGTT      | CCACGAGGT     | GCCTTCACGT    | GTCTGCACCA    | TGGCCCAAGGC   | CCTGGGAGTT    | CCTGGGAGTT    | CCTGGGAGTT    | CCTGGGAGTT    | CCTGGGAGTT    |
| -229          | TGAAACATCC  | CGCAAGGTGAA           | TGAAAGGTTG   | tgccatgtgt                | ggggacccaa      | acatttttttttt | ccggccatgtt   | tttttttttttt  |
| -129          | ttgtgtgtgt  | ggggaaatcc            | ttatccatccat | ttatccatccat              | ttatccatccat    | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  |
| -29           | ggccatgtgt  | ttatccatccat          | ttatccatccat | ttatccatccat              | ttatccatccat    | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  |
| 72            | TGGCAAGGCA  | CTGGGGCCCC            | TGCAAGAGCTT  | CCAGGGCCCG                | CCTGATGACC      | TGCTCATCAG    | CACTTACCCC    | AATTCGGGta    | tttttttttttt  | tttttttttttt  | tttttttttttt  | tttttttttttt  | tttttttttttt  | tttttttttttt  |
| A E A L G P L | Q S F Q A R | P D L I S T Y P K S G | ccatccatccat | ccatccatccat              | ccatccatccat    | ccatccatccat  | ccatccatccat  | ccatccatccat  | ccatccatccat  | ccatccatccat  | ccatccatccat  | ccatccatccat  | ccatccatccat  | ccatccatccat  |
| 172           | cttccatccat | ttatccatccat          | ttatccatccat | ttatccatccat              | ttatccatccat    | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  | ttatccatccat  |
| 272           | CCAGATCTG   | GACATGATCT            | ACCAAGGGGG   | TGACCTGGAA                | AAAGTGTCAAC     | GAGCTCCCAT    | CTTCATGCCS    | GTGCCCTTCC    | TTCAGATTCAA   | AATCCCAAGGG   | AATCCCAAGGG   | AATCCCAAGGG   | AATCCCAAGGG   | AATCCCAAGGG   |
| 372           | ATTCCCTCAAG | T P S G               | T M I Y      | Q G G D L E K C H R A P I | F C H R V P F L | F H R V P F L | F H R V P F L | F H R V P F L | F H R V P F L | F H R V P F L | F H R V P F L | F H R V P F L | F H R V P F L | F H R V P F L |
| 472           | GAGACTCTGA  | AAAACACACC            | AGCCCCACCA   | CTCCCTGAGA                | CAACCTGC        | CCTGGCTCTG    | CTCACCTGAG    | CTCCCCCAGA    | CTCTGTGGA     | TCAGAAGTC     | AAAGTtgagac   | AAAGTtgagac   | AAAGTtgagac   | AAAGTtgagac   |

FIG. 6B

FIG. 6C

FIG. 7A

3241 cttagtagct ggggttacaa gagcaagcca ccacacccag ctaatttga aaaatattt:  
 3301 ttgttagagga gaggtttgc ttgtgttgc aggttggctt caaactccag ggctcaaggg  
 3361 atcccttccc gttggcctcc caaggctctg ggattacagg cgggagtca cctgcctgg  
 3421 cccctccctt tgatgagtc tcaatggc ttagtttca tccccgcacg aggtcttgc cccctggta  
 3481 agcttagttg ctcaatggc ttttttttttctggagccca gatggactgt ggccaggca  
 3541 gtggatcaca gacctggccg gcctgggagg tttccacatg tgagggcat gagggggc  
 3601 caaggagggg agcatcgcccc agaggagccg actgggtgga ggctgggggt cccagcagga  
 3661 aatggtgaga caaaggggcgc tggctggcag ggagacagca caggcagcc cttagacttc  
 3721 ctcagcacag ctggacttcc ctggagaccc tcaacacaccc ttagatctgg gccccgcct  
 3781 acgggggtgc tttcaacttgc ctgcactatg cccacggcc tgggattttgc aacagcttg  
 3841 caggtgactg aaagggtgcgg ccaggctggg gaacgacccg gtttccggcc cayccccgg  
 3901 actgactgtac ttttgatgtc cgggcacggc actcagccctc ctttggccctc agtgacttcc  
 3961 ctggaaagcaa aaactctgca aaggggcagc tgggtgttgc ctacacacttgc taatcc  
 4021 actttggggactgttgc acaaatcaact tgaggccagg agttcttagac cggctgg  
 4081 aacatggtgaa aacccatct tcaactaaaga aaaaaaaaaa tttagtgcagc atgggtgtac  
 4141 atgcttgcata tcccaacttgc ttggatgtcc gagggggggg gattgttgc acccaagagg  
 4201 tggagtttgc agtgagctga gattgttgc cactgcactc cagttgggt gagagtgaga  
 4261 ctccatctca aaaaaaaaaa aaaaaagaga gaatcccact ttcttgcgtt tggatgg  
 4321 gtaagggaaac gggctggct ctggcccttgc atgcacaaac atggagctga tccaggac  
 4381 ctcccgccccccg ccactggagt acgtgaaggg ggtcccgctc atcaagactt ttgcagagg  
 4441 actggggggccctc ctgcagagct tccaaaggccg acctgtatgc ctgctcatca acaccttaccc  
 4501 caagtcttgcgtt aagtgg  
 4561 cagcaaggtc gtggccctcag cctgttccacc tccatcttcc cttcccttcc agggcacc  
 4621 tgggtgagcc agatacttgcg catqatctac cagggcggcc accttagagaa gttttaacc  
 4681 gctccatctt acgtacgggtt gccccttccctt gaggtcaatg atccaggggg accctcagg  
 4741 gcatggctgg gtctgg  
 4801 ccagaccccttcccttccacttgc tggagacttgc gaaagacaca cccgggggggggggg  
 4861 ggctcatcaaa gtcacaccccttgc tggcccttgc tggcccttgc gactcttgc gatcagaagg  
 4921 tcaacttgcgtt gcccggccatca atgggttccaca cctgttccatcc cagtttgcgatcc  
 4981 aggttccctt gaaaggccgaga gatggagacc agcctggccca acattgttgc agagatgaca  
 5041 tcccatcttca aaaaaataaa aattaacaac ctggatgttgc ggcataactt gttcccttgc  
 5101 acttaggg  
 5161 tggatcttgcgtt gctgcacttgc agcctggccca acacagcaaa accatcttca cgggggggg  
 5221 agttccacttgc gactggcaag gaaaggccagg aagggggggggggggggggggggggggg  
 5281 taccttttctt tctggaaaggcccttgc tctgttgcgtt gatccatcc tttttttttt  
 5341 ttggatcttgcgtt gcttgcgttgc tccaccccttgc ctggagttgc gatccatcc  
 5401 tggccatccatcc gctcccccac ttcacacttgc tcttgcgttgc tccatccatcc  
 5461 attacaggcccttgc ttttgcgttccca caccggccatca atttttgtat ttttttttgc  
 5521 ttttccatccatcc ttttgcgttccca ggttccatccatcc ttttgcgttccatcc  
 5581 ttttccatccatcc ttttgcgttccca ggttccatccatcc ttttgcgttccatcc  
 5641 acatgttccatcc ttttgcgttccca gggccatccatcc ttttgcgttccatcc  
 5701 caccggccatccatcc ttttgcgttccca gggccatccatcc ttttgcgttccatcc  
 5761 ggttccatccatcc ttttgcgttccca gggccatccatcc ttttgcgttccatcc  
 5821 ttttgcgttccca ggttccatccatcc ttttgcgttccca gggccatccatcc ttttgcgttcc  
 5881 ttttgcgttccca ggttccatccatcc ttttgcgttccca gggccatccatcc ttttgcgttcc  
 5941 ctgttccatccatcc ttttgcgttccca gggccatccatcc ttttgcgttccatcc  
 6001 cacttaagaa aggccatccatcc ttttgcgttccca gggccatccatcc ttttgcgttcc  
 6061 ggaccaggccatccatcc ttttgcgttccca gggccatccatcc ttttgcgttccatcc  
 6121 atagaatatg gtcttgcgttccca gggccatccatcc ttttgcgttccatcc  
 6181 gtttgcgttccca gggccatccatcc ttttgcgttccca gggccatccatcc ttttgcgttcc  
 6241 ctttgcgttccca gggccatccatcc ttttgcgttccca gggccatccatcc ttttgcgttcc  
 6301 ctggccatccatcc ttttgcgttccca gggccatccatcc ttttgcgttccatcc  
 6361 ttttgcgttccatcc ttttgcgttccca gggccatccatcc ttttgcgttccatcc  
 6421 ttttgcgttccca gggccatccatcc ttttgcgttccca gggccatccatcc ttttgcgttcc  
 6481 cccgg  
 6541 ttttgcgttccca gggccatccatcc ttttgcgttccca gggccatccatcc ttttgcgttcc  
 6601 acccccttgcgttccatcc ttttgcgttccca gggccatccatcc ttttgcgttccatcc

FIG. 7B

6661 cccccc~~atgtg~~ acac~~ctgggg~~ gcaggcac~~t~~ cacagggacc cacca~~aggcc~~ acccag~~cccc~~  
 6721 g~~tcc~~ctgggc ggctcccaca gcaagcc~~gg~~ attccccatc otacctcc~~t~~ ggcc~~caggcc~~  
 6781 cccccc~~actgc~~ agccccac~~t~~ ggcagcag~~gc~~ tcggcac~~agc~~ tttcatcttc tgac~~cctgag~~  
 6841 tcagctgcat ggg~~tggccac~~ g~~gat~~cg~~ata~~ cttagtc~~cta~~ ttgcttatcc tcac~~ccaa~~ag~~j~~  
 6901 gtgtg~~ccacc~~ cagg~~ccaca~~ gtc~~at~~ggaag aagaccatcc cgg~~tcc~~cac ccata~~ggcgc~~  
 6961 caagcc~~ctgt~~ tc~~at~~gatggg atcacagg~~gc~~ agagat~~caat~~ t~~cattt~~act cca, ~~tgacta~~  
 7021 gggcccc~~cagg~~ g~~gtt~~gagg~~ct~~ ctttgggg~~t~~ tctaggg~~gaa~~ gtggcc~~agat~~ cccctctgag  
 7081 gtt~~agagagg~~ gggacc~~cg~~ ttg~~ttt~~gct ccactgag~~ga~~ g~~ccct~~ctg~~ct~~ g~~ctc~~agaacc  
 7141 cccaaa~~agg~~ gatt~~aaa~~ag~~a~~ atc~~c~~tgg~~ag~~tt ttg~~ttt~~gg~~cg~~ c~~tcc~~ctg~~ca~~ gagg~~agg~~acca  
 7201 tggactt~~cat~~ gg~~tt~~cagcac acg~~t~~cgtt~~ca~~ agg~~agat~~gaa gaaga~~ac~~ct atgacc~~aa~~act  
 7261 ~~ac~~accac~~cq~~ cccca~~qq~~ g~~t~~catgg~~acc~~ acag~~cat~~ctc cccctt~~cat~~g ag~~gaa~~act~~tg~~  
 7321 ggtgctggcc agcac~~gggg~~ tttgggg~~cg~~ gg~~ggg~~gagc~~ag~~ c~~ag~~ctgc~~ag~~ c~~tcc~~ccat~~ag~~  
 7381 g~~c~~actt~~gggg~~ c~~tcc~~cc~~t~~gg gat~~gag~~actc c~~ag~~ctt~~t~~g~~ct~~ cc~~ct~~qc~~c~~tc c~~tcc~~cc~~ac~~  
 7441 catggct~~ggg~~ gact~~gg~~aa~~ga~~ ccac~~c~~tt~~c~~ac c~~gt~~gg~~cg~~ag aat~~gag~~cg~~ct~~ t~~c~~gat~~gc~~gg~~a~~  
 7501 ctat~~gc~~gg~~ag~~ aag~~at~~gg~~ca~~ g~~c~~t~~g~~c~~ag~~ct~~c~~ c~~ag~~ctt~~cc~~gc~~c~~ t~~c~~t~~g~~ag~~ct~~gt~~t~~ gagagg~~gg~~ct  
 7561 cctggag~~tc~~ ct~~g~~cag~~agg~~ g~~at~~gt~~gc~~aa t~~c~~t~~ac~~cc~~t~~g~~a~~ c~~ca~~at~~gg~~ct~~a~~ aagaataaaa  
 7621 g~~t~~at~~g~~at~~ttt~~ t~~g~~ag~~t~~c~~agg~~ c~~a~~at~~gg~~ct~~c~~ at~~g~~t~~c~~t~~g~~aa t~~c~~cc~~ag~~eg~~at~~ ttgg~~gg~~agg~~tt~~  
 7681 gag~~ct~~gg~~ta~~ gat~~caca~~ata gg~~cc~~ac~~ga~~at ttg~~ag~~g~~ac~~ag c~~ct~~gg~~ta~~aaa tag~~t~~g~~ag~~acc  
 7741 t~~c~~at~~c~~t~~c~~ta a~~a~~ag~~at~~gt~~aa~~ aaaaatt~~ag~~c acat~~gt~~ct~~g~~ t~~g~~gactt~~acc~~ t~~g~~t~~ag~~t~~cc~~ca  
 7801 g~~c~~t~~a~~tt~~gggg~~ a~~a~~g~~c~~ag~~gg~~tc t~~g~~gagg~~at~~ca t~~t~~t~~c~~ag~~cc~~ca gg~~ag~~gt~~t~~tg~~g~~ gata~~c~~gt~~g~~a  
 7861 gttat~~gac~~at g~~cc~~catt~~cac~~ tac~~ag~~c~~ct~~gg at~~gac~~a~~ag~~ca agacc~~c~~ttcc~~cc~~ t~~cc~~aa~~a~~gaaa  
 7921 at~~aa~~aa~~g~~ct~~ca~~ at~~aa~~aa~~at~~aa aat~~at~~g~~at~~ttt g~~t~~g~~tt~~cat~~gt~~ ag~~ag~~ct~~gt~~ta ttgg~~aa~~agg~~a~~  
 7981 ag~~ag~~aa~~a~~actc t~~g~~ag~~c~~tg~~aa~~ g~~a~~gt~~g~~aat~~gc~~ c~~c~~g~~gt~~gg~~gg~~cc c~~ac~~at~~at~~g~~gt~~ t~~c~~ac~~c~~t~~cc~~  
 8041 ccag~~c~~tt~~ca~~ g~~c~~t~~cc~~cc~~cagg~~ t~~c~~ac~~ccat~~atc t~~g~~gg~~gg~~agg~~gg~~ g~~a~~ag~~gg~~ttt gg~~ag~~a~~ag~~taa  
 8101 a~~a~~cc~~c~~agg~~ag~~ at~~g~~t~~gt~~gg~~ag~~ g~~gg~~gg~~at~~g~~tc~~ t~~g~~t~~ta~~at~~cc~~ c~~ag~~ca~~c~~at~~cc~~ t~~c~~t~~g~~ct~~gt~~cc  
 8161 t~~g~~cccc~~aa~~ga~~a~~ t~~g~~gt~~gg~~ag~~ga~~ c~~gt~~cg~~ag~~tc~~c~~ g~~cc~~gg~~gg~~c~~ag~~ c~~gt~~act~~tttt~~ c~~t~~t~~gg~~g~~ct~~cc  
 8221 t~~t~~ta~~ga~~ag~~ct~~ta c~~c~~agg~~tac~~ct~~c~~ t~~g~~gg~~cc~~aca~~c~~ t~~g~~ag~~at~~g~~ag~~ g~~gg~~ag~~gt~~g~~ac~~cc g~~c~~c~~t~~g~~ca~~tag  
 8281 gag~~gt~~gt~~c~~t~~t~~ caa~~ac~~agg~~at~~ ag~~t~~at~~ag~~t~~cc~~ t~~c~~c~~ct~~gg~~gg~~gg t~~t~~g~~tt~~gg~~gg~~gt~~t~~ ag~~gt~~gg~~cc~~aa  
 8341 g~~ga~~agg~~gt~~ag~~g~~ag~~ca~~ag~~c~~ c~~cc~~cc~~gg~~g~~ct~~ g~~gt~~gt~~ca~~ac t~~c~~act~~tt~~g~~tt~~ g~~gt~~tg~~ga~~att  
 8401 g~~gt~~tg~~ta~~act~~t~~ g~~ac~~cc~~ac~~tc~~c~~ g~~gg~~c~~agg~~at~~c~~ c~~ca~~ct~~g~~ct~~ca~~ t~~cc~~cc~~aa~~

FIG. 7C